

**Fire and Emergency Services Higher Education Conference  
June 2 – 4, 2001**



***Fire-Related  
Bachelor's Degree:  
A Sample Model***



**Purpose:** To develop a sample Education Model, consisting of Outcomes, Content and Articulation.

**OUTCOMES:**

1. To provide the student with Education and Career Training, which will empower the student with the knowledge to succeed.
2. Multi Disciplinary, areas to include, Social Science, Natural Science, English, Critical Thinking, Communications and Problem Solving. In addition the student will be empowered with the skills needed to motivate, discipline and provide guidance needed to succeed within the chosen career path.
3. The student shall demonstrate needed skills within the accounting field, to include efficient use of funds, budgeting and problem solving.

**CONTENT:** Two competency cores: one from fire science (including EFO courses) and one from external departments on campus

**Management Track**

**Fire and Emergency Services Competency Core**

- Safety and Risk Reduction
- Management of Large Scale Emergencies
- Independent or Applied Research (Capstone Experience)
- Legal Aspects
- Leadership
- Community Mitigation (codes, fire prevention, public health issues)
- Strategic Planning/Public Policy
- Areas of Specialization (EMS, training, hazardous materials, fire prevention, etc)

**Management/Public Administration Competency Core**

- Human Resources Management
- Budget and Finance
- Organizational Management Theory
- Research Methods/Statistical Analysis
- Legal Aspects

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- Intergovernmental Relations
- Business/Technical Communications

**Technology Track:**

**Fire and Emergency Services Competency Core**

- Safety and Risk Reduction
- Management of Large Scale Emergencies
- Fire Dynamics
- Active Fire Protection
- Building and Fire Safety Codes
- Industrial Hazard Control
- Analytical approach to Fire Protection
- Independent or Applied Research (Capstone Experience)
- Areas of Specialization (EMS, training, hazardous materials, fire prevention, etc)

**Management/Public Administration Competency Core**

- Budget and Finance
- Organizational Management Theory
- Intergovernmental Relations
- Business/Technical Communications
- Social Science (Political Science, Psychology)

**General Ed Requirements:** All programs need horizontal and vertical integration for acceptance per ASPA Assn. Specialized and Programatic (Two year Associates Degree does not guarantee transferable equitable credit)

**Credit:** Use of National Standards: NFPA, Certification, Accreditation and Customer Needs.

**Curriculum:** Core based on accepted standards

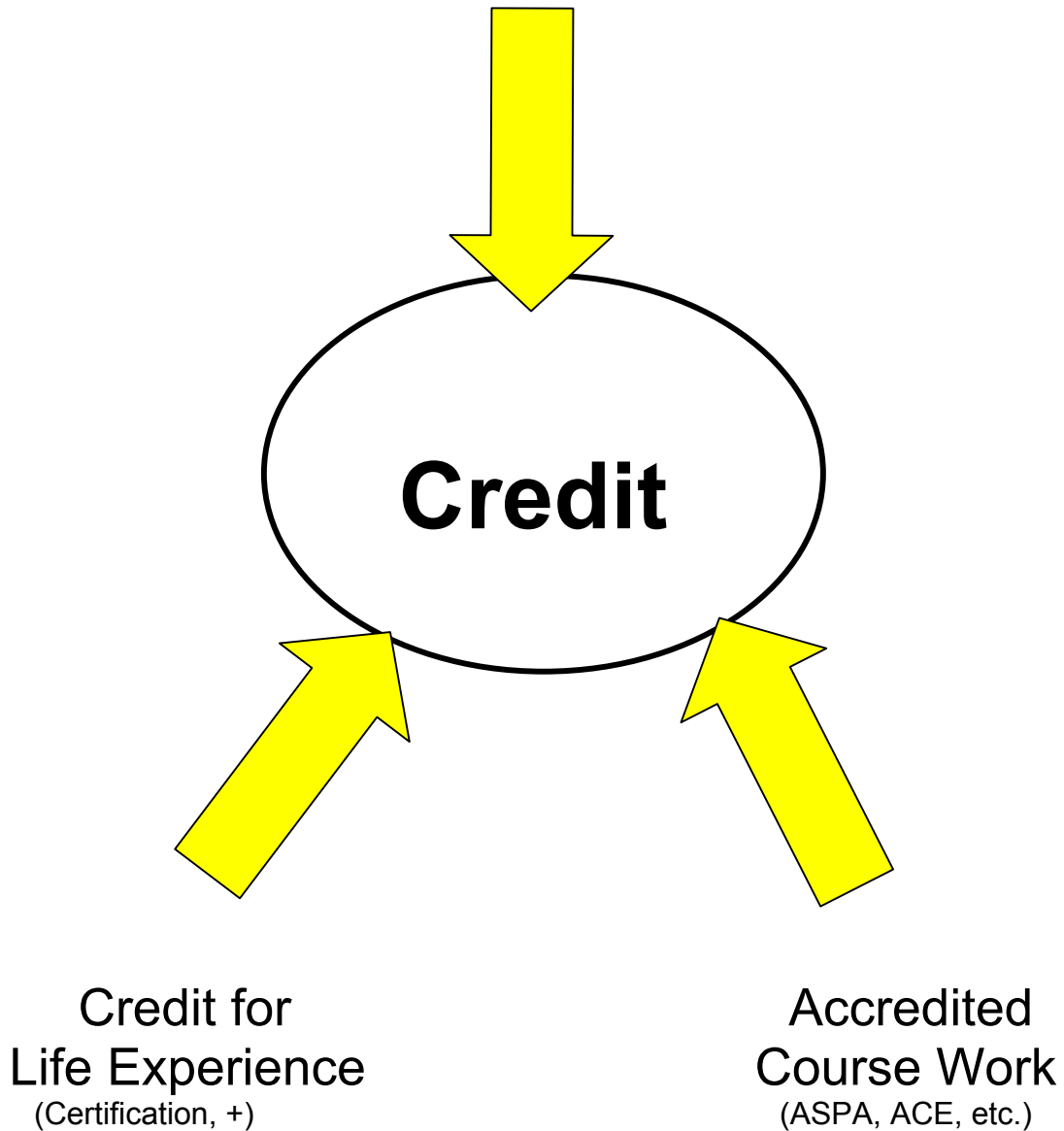
Legal  
Labor  
Finance  
Personnel  
Planning  
Administration  
Ethics  
Leadership

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**ARTICULATION AGREEMENTS: (Receiving Degree Work Credit)**

**Standards**

(National / State)



**SUMMARY:** With the completion of the above listed objectives it is our intent to standardize an acceptable Educational Program for the Fire Service.